

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximal-most end of said device;

a distal end-piece positioned at a distal end of said device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment connected to at least one of said interconnected loops, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the device.

2. (Original) The device of claim 1 wherein said body portion comprises discrete loops.

3. (Original) The device of claim 1 wherein at least one loop member passes through the openings of at least two other loops.

4. (Withdrawn) The device of claim 1 wherein at least one of said loop members defines a plurality of openings arranged along a longitudinal axis of said body portion.

5. (Withdrawn) The device of claim 1 wherein at least one of said loops is substantially oval.

6. (Original) The device of claim 1 wherein at least one of said loops is substantially circular.

7. (Withdrawn) The device of claim 1 wherein at least one of said loops is substantially rectangular.
8. (Original) The device of claim 1 wherein said member of at least one of said loops comprises a substantially circular cross-section.
9. (Original) The device of claim 1 wherein at least one of said members comprises a closed loop.
10. (Withdrawn) The device of claim 1 wherein at least one of said members comprises an open loop comprising two ends.
11. (Withdrawn) The device of claim 10 further comprising a gap between said open loop ends, the largest dimension of said gap being no greater than the diameter of an adjacent loop member.

12. (Withdrawn) The device of claim 1 wherein at least one of said members is hollow.
13. (Cancelled)
14. (Previously Presented) The device of claim 1 wherein a surface of said segment is uneven.
15. (Withdrawn) The device of claim 14 wherein said surface of said segment comprises a longitudinal groove.
16. (Cancelled)
17. (Original) The device of claim 1 wherein said members are biodegradable.

18. (Withdrawn) The device of claim 1 further comprising a drug releasable from said device.

19. (Withdrawn) The device of claim 18, further comprising a plug for releasing said drug.

20. (Withdrawn - Previously Presented) The of claim 18 wherein said device further comprises a coating disposed on at least a portion of said device, said coating releasing said drug in a solution.

21. (Cancelled)

22. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximal-most end of said device;

a distal end-piece positioned at a distal-most end of said device; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, the elongated body portion further comprising a substantially cylindrical non-loop segment connected to at least one of said interconnected loops, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the device, and ~~wherein at least one of~~ said the end-pieces ~~[[is]]~~ being substantially spherical in shape.

23. (Withdrawn) The device of claim 1 wherein at least one of said end-pieces comprises an inflatable balloon.

24. (Withdrawn - Previously Presented) A delivery assembly for delivering an interventional device to a body site, comprising:

an interventional device for treatment of a body site comprising a proximal end-piece, a distal end-piece, and an elongated body portion; and

a stylet for positioning said interventional device at said body site, said stylet reversibly attachable to said proximal end-piece and free of said distal end-piece and said elongated body portion.

25. (Withdrawn) The delivery assembly of claim 24 wherein said style comprises a malecot at a proximal end.

26. (Withdrawn) A method for treating a body canal in a patient, comprising:

inserting an interventional device into a body canal of a patient, said interventional device comprising a proximal end-piece positioned at a proximal end of said device, a distal end-piece positioned at a distal end of said device, and an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops; and

positioning said interventional device in said body canal.

27. (Withdrawn) The method of claim 26 wherein said body canal is the ureter, and wherein the positioning step comprises positioning said proximal end-piece in a kidney of said patient and positioning said distal end-piece in the urinary bladder of said patient.

28. (Previously Presented) The device of claim 22, wherein at least one of the end-pieces is configured to hold a respective end of the device at a specific anatomical location.

29. (Previously Presented) The device of claim 28, wherein the specific anatomical location includes one of a renal pelvis, a urinary bladder, or a blood vessel.

30. (Previously Presented) The device of claim 22, further including a proximal loop member joined to the proximal end-piece and a distal loop member joined to the distal end-piece.

31. (Previously Presented) The device of claim 30, wherein the proximal loop member and the distal loop member are joined to the proximal end-piece and the distal end-piece, respectively, by one of welding, soldering, or adhesive.

32. (Previously Presented) The device of claim 22 wherein at least one loop member passes through the openings of at least two other loops.

33. (Previously Presented) The device of claim 22 wherein said member of at least one of said loops comprises a substantially circular cross-section.

34. (Previously Presented) The device of claim 22 wherein at least one of said members comprises a closed loop.

35. (Cancelled)

36. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximal most end of said device;

a distal end-piece positioned at a distal end of said device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of an adjacent loop to form said plurality of interconnected loops, the elongate body portion further comprising a substantially cylindrical non-loop segment connected to at least one of said interconnected loops, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the device, and wherein adjacent interconnected loops are moveable along each of an X, Y, and Z orthogonal axis relative to each other at least during deployment of the device in the body canal.

37. (Previously Presented) The device of claim 36, wherein each of the plurality of interconnected loops is configured to move within the confines of the opening of an adjacent loop.

38. (Previously Presented) The device of claim 36, wherein the interconnected loops are configured to permit fluid to pass through each at least one opening.

39. (Previously Presented) The device of claim 36, wherein an axial length of the body portion is adjustable.

40. (Previously Presented) The device of claim 36 wherein at least one loop member passes through the openings of at least two other loops.

41. (Previously Presented) The device of claim 36 wherein said member of at least one of said loops comprises a substantially circular cross-section.

42. (Previously Presented) The device of claim 36 wherein at least one of said members comprises a closed loop.

43-44. (Cancelled)

45. (Previously Presented) The device of claim 1, wherein the segment is made of a compressible material.

46. (Previously Presented) The device of claim 22, wherein the segment is made of a compressible material.

47. (Previously Presented) The device of claim 36, wherein the segment is made of a compressible material.

48. (Previously Presented) The device of claim 1, wherein at least one of said end-pieces comprises a cross-sectional area larger than a cross-sectional area of said body portion.

49. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximal-most end of said device;

a distal end-piece positioned at a distal-most end of said device, the end-pieces ~~having~~ being substantially ~~the same~~ spherical in shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops

configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a non-loop segment connected to said plurality of interconnected loops and separating at least two loops of the plurality of interconnected loops, a cross-sectional diameter of at least one of the end-pieces being greater than a cross-sectional diameter of the body portion.

50. (Previously Presented) The device of claim 49 wherein a surface of the segment is uneven.

51. (Previously Presented) The device of claim 49 wherein the segment is substantially tubular.

52. (Previously Presented) The device of claim 49 wherein the member of at least one of said loops comprises a substantially circular cross-section.

53. (Previously Presented) The device of claim 49 wherein at least one of the members comprises a closed loop.

54. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximalmost end of said device;

a distal end-piece positioned at a distalmost end of said device, the end pieces being substantially spherical in shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a non-loop segment connected to at least one of said interconnected loops, ~~the end-pieces having substantially the same shape~~, and a cross-sectional diameter of at least one of the end-pieces being greater than a cross-sectional diameter of the body portion.

55. (Cancelled)

56. (Previously Presented) The device of claim 54 wherein the segment is substantially tubular.
57. (Previously Presented) The device of claim 54 wherein a surface of the segment is uneven.
58. (Previously Presented) The device of claim 54 wherein the segment separates at least two loops of the plurality of interconnected loops.
59. (Previously Presented) The device of claim 54 wherein at least one of the members comprises a closed loop.
60. (Previously Presented) A device for treating a body canal, comprising:
- a proximal end-piece positioned at a proximal end of said device;
 - a distal end-piece positioned at a distal end of said device; and
 - an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop being biodegradable and

passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment connected to at least one of said interconnected loops, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the device.

61. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximalmost end of said device;

a distal end-piece positioned at a distal end of said device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment made of a compressible material and connected to at least one of said interconnected

loops, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the device.

62. (Currently Amended) A device for treating a body canal, comprising:

a proximal end-piece positioned at a proximal-most end of said device;

a distal end-piece positioned at a distal end of said device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of an adjacent loop to form said plurality of interconnected loops, the elongate body portion further comprising a substantially cylindrical non-loop segment made of a compressible material and connected to at least one of said interconnected loops, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the device, and wherein adjacent interconnected loops are moveable along each of an X, Y, and Z orthogonal axis relative to each other at least during deployment of the device in the body canal.

63. (Previously Presented) The device of claim 1, wherein the end-pieces are substantially spherical.

64. (Previously Presented) The device of claim 36, wherein the end-pieces are substantially spherical.

65. (Cancelled)